

RUMANIA

577.15.04:612.398.145.1

PORTOCALA, R., POPESCU, M., SAMUEL, I., MORFEI, A. and LACATUS, V. of the Institute of Inframicrobiology (Institutul de Inframicrobiologie) of the Academy of the Socialist Republic of Rumania (al Academiei Republicii Socialiste Romania).

"The Action of Formaldehyde on the Infectious Character of the MM Virus and Its Ribonucleic Acid."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 4, 66, pp 311-316.

Abstract: The authors studied the effect of formaldehyde in 2 per mille concentration at room temperature on suspensions of mouse brain experimentally infected with MM virus and on the ribonucleic acid extracted from the suspensions; tests were made after 7, 14 and 32 hours. It was found that while the infectivity of the treated virus fell strongly during the first 7 hours, the infectivity of the ribonucleic acid extracted from the formalized suspension equals that of ribonucleic acid extracted from untreated virus suspensions.

Includes 7 figures and 13 references, of which 3 Rumanian, one German and 9 English-language. -- Manuscript submitted 11 March 1966.

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RUMANIA

576.8.073.4:612.398.145.1

PORTOCALA, R., POPA, I., MORFEI, Ana, LACATUS, V., and POPESCU, M., of the Institute of Inframicrobiology (Institutul de Inframicrobiologie) of the Academy of the Socialist Republic of Rumania (al Academiei Republicii Socialiste Romania).

"Spectrophotometric and Chromatographic Column Analysis of Ribonucleic Acid Extracted from a Suspension of the Brain of Mice Infected with MM Virus Subjected to the Action of Heat."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 2, 66, pp 117-124.

Abstract: The authors found that heating to 75 degrees centigrade for periods ranging from 5 to 220 minutes did not cause a suspension of infected mouse brain to lose its infectivity, indicating that viral ribonucleic acid does not seem to be affected by heat treatment at this temperature. However, the highly polymerized tissue molecules showed significant changes in chromatographic properties within the first 5 minutes of heating.

Includes one table, 3 figures and 9 references, of which one Western and 8 Rumanian. -- Manuscript submitted 29 October 1965.

POROCALA, R.; POPA, L.; SAMUEL, I.

Column-chromatographic fractionation of a tissue ribonucleic acid exposed to the action of ultraviolet rays. Stud. cercet. inframicrobiol. 16 no.1:11-15 '65.

PORTOCALA, R.; SAMUEL, I.; POPA, L.; DICULESCU, G.

Isolation by column chromatography of infectious ribonucleic acid extracted from the brain of a mouse inoculated with murine encephalomyocarditis virus. Studii cercet. inframicrobiol. 15 no.6:515-518 '64.

PORTOCALA, R.; POPA, L.; SAMUEL, I.

Column fractionation of ribonucleic acid extracted from murine
encephalomyocarditis viruses and exposed to the action of heat.
Studii cercet. inframicrobiol. 15 no.6:519-522 '64

FORTOGAIA, Radu; POPA, Liviu

Technique of elution and determination of fractionated ABG in
continuous wave on a column of diethylaminoethyl-cellulose.
Studii cerc biochimie / no.3:337-345 '64.

1. Institute of Inframicrobiology, Rumanian Academy, Bucharest.
Submitted March 4, 1964.

POROCALA, Radu, dr. în stiințe medicale

New research in the biosynthesis of infectant nucleic acids,
St si Teh Buc 16 no.8:24-25 Ag '64.

PORTOCALA, R.; SAMUEL, I.; DONA, G.

Study of the infectious desoxyribonucleic acid extracted
from adenovirus, type 3. Stud. cercet. inframicrobil. 14
no. 3:277-281 '63.

1. Comunicare prezentata la Institut de inframicrobiologie
al Academiei R.P.R.
(DNA, VIRAL) (ADENOVIRUS)

PORTOCALA, R.; PACURARU, E.

Simplified technic for the preparation and mounting of
methacrylate blocks for ultramicrotomy. Stud. cercet.
inframicrobiol. 14 no.4:457-461 '63.

(MICROTOMY) (ACRYLIC RESINS)

POROCALA, R.; SAMUEL, I.; RUTTER, G.; NASTAC, E.

The oncolytic effect on Ehrlich's carcinoma of ribonucleic acid extracted from mouse-encephalomyocarditis virus.
Rev. sci. med. 8 no. 1/2:87-90 '63.

(RNA, VIRAL) (ANIMAL VIRUSES) (CARCINOMA, EHRLICH TUMOR)

POROCALA, R.; SAMUEL, I.; POPA, L.; MORFEI, A.; POPESCU, M.

Enzymatic synthesis "in vitro" of an infectious ribonucleic acid. (Preliminary note). Stud. cercet. inframicrobiol. 14 no.4:441-446 '63.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.
(POLIOVIRUS) (TISSUE CULTURE)
(RNA, VIRAL) (METABOLISM)

PORTOCALA, R.; SAMUEL, I.

The action of some physical and chemical agents on the
infectivity of nucleic acids isolated from viruses. II.
Influence of heat on the infectivity of ribonucleic acid
extracted from the M.M. virus. Stud. cercet. inframicrobil.
14 no. 3:269-275 '63.

(RNA, VIRAL) (HEAT) (ANIMAL VIRUSES)

RUMANIA

PORTOCALA, R. [affiliation not given]

"Achievements and Perspectives in the Study of the Infectivity of Virotic Nucleic Acids."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 4, 1963, pp 507-510.

Abstract: Reviews the activities of the section on inframicrobial biochemistry of the Institute of Inframicrobiology of the RPR Academy, emphasizing its studies on the chemical and morphological structure of various viruses. Outlines the nature of the research on epidemic hepatitis and the emphasis since 1957 on the elucidation of the inductive role of virotic nucleic acids in the multiplication of inframicrobes.

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methacrylate.

Includes 2 figures and 3 Western references.

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RUMANIA

PORTOCALA, R., SAMUEL, I., POPA, L., MORFEI, A., and POPESCU, M. of the Institute of Inframicrobiology of the RPR Academy (Institutul de Inframicrobiologie al Academiei RPR).

"Enzymatic Biosynthesis In Vitro of an Infectious Ribonucleic Acid. (Preliminary Note)."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 4, 1963, pp 441-444.

Abstract [Authors' English summary modified]: Biosynthesis of a nucleic acid with infective properties was obtained with the in vitro introduction of MM-virus ribonucleic acid into a complex cell-free medium that also contained Ehrlich cell homogenate at 37 degree centigrade. The infective properties were shown by intracerebral inoculations in mice after 2, 4 and 6 hours. The incubation period of the experimental disease produced by the nucleic acid after biosynthesis is longer than that observed after inoculation of MM virus or its nucleic acid.

Includes 2 tables and 7 references, of which 2 Russian and 5 American.

RUMANIA

R. PORTOCALA, I. SAMUEL and G. DONA, Institute of Inframicrobiology of the Rumanian Academy of Sciences (Institutul de Inframicrobiologie al Academiei RPR,) [Bucharest.]

"Study of Infective DNA Obtained from Adenovirus Type 3."

Bucharest, Studii si cercetari de inframicrobiologie, Vol 14, No 3, 1963; pp 277-281.

Abstract [English summary modified]: DNA extracted from adenovirus APC-3 lost all cytopathogenicity (for human embryonic cells in tissue culture) upon exposure to 5 gamma/ml. of DNase, while exposure to RNase produced no such change. Virus regenerated from the DNA was identical with the original virus as tested serologically. Table, 3 Rumanian, 1 Soviet and 1 US reference.

1/1

Cytological study of the changes produced by the Rubarth virus in the liver of chick embryos. Stud. cercet. inframicrobiol. 13 no.3:335-349 '62.

1. Comunicare prezentata la Institutul de Inframicrobiologie al Academiei R.P.R.

(HEPATITIS, ANIMAL) (DOG DISEASES)
(ANIMAL VIRUSES) (HEPATITIS VIRUSES) (VIRUS CULTIVATION)
(TISSUE CULTURE)

PORTOCALA, R.; SAMUEL, I.; RUTTER, G.; NASTAC, E.

Action of ribonucleic acid extracted from mouse encephalomycarditis virus (MM) on mouse Ehrlich ascites carcinoma. Stud. cercet. inframicrobiol. 13 no.6:681-688 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(NEOPLASMS, EXPERIMENTAL) (CARCINOMA, EHRLICH TUMOR)
(RNA, VIRAL) (ENCEPHALITIS VIRUSES) (MYOCARDITIS)

POROCALA, R.; SAMUEL, I.; BOERU, Vera

Action of several physical and chemical agents on the infectivity of nucleic acids isolated from viruses. I. Influence of some oxidizing and reducing substances on nucleic acid extracted from MM virus. Stud. cercet. inframicrobiol. 13 no.2:187-195 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in sedinta.

(VIRUSES chemistry) (RIBONUCLEIC ACID virology)
(DESOXYRIBONUCLEIC ACID virology) (OXIDATION-REDUCTION)
(OXYGEN pharmacology) (HYDROGEN pharmacology) (CYSTEINE pharmacology)
(GLUCOSE pharmacology) (VITAMIN C pharmacol)

RUMANIA

P. FORTOGALA, I. SAMUEL, G. RUTIEK and C. NASTAC. Institute of Inframicrobiology (Institutul de inframicrobiologie) Bucharest.

"Effect of RNA of Murine Encephalomyocarditis Virus Upon Ehrlich Ascites Carcinoma in Mice."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 13, No 6, 1962; pp 681-688.

Abstract [English summary modified]: Studies in 275 mice, RNA inoculated 24, 48 or 72 hours after intraperitoneal grafting of Ehrlich ascites tumor. Main difference between inoculated and controls was larger number of degenerated or degenerating ascites tumor cells in former (26.2 compared to 5.6% in controls on 10th day after grafting). Complete encephalomyocarditis could be isolated from the RNA-inoculated mice, but not passaged further. Two tables, 6 Western and 3 Rumanian references.

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POROCALA, R.; IONESCU, N.I.; DIMITRESCU, S.; BOERU, V.; SAMUEL, I.

Reproduction of influenza virus with the aid of viral ribonucleic acid. VII. The morphological aspect of the ribonucleic acid. Stud. cercet. inframicrobiol. 12 no.3:309-315 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.
(INFLUENZA VIRUS'S chemistry) (RIBONUCLEIC ACID)
(MICROSCOPY, ELECTRON)

PORTOCALA, R.; BOERU, V.; HARAGEA, S.; SAMUEL, I.

The reproduction of influenza virus with the aid of viral ribonucleic acid. VI. Spectral analysis of the ribonucleic acid.
Stud. cercet. inframicrobiol. 12 no.3:303-307 '61.

1. Communicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(INFLUENZA VIRUSES chemistry) (RIBONUCLEIC ACID chemistry)
(SPECTRUM ANALYSIS)

POROCALA, R.; DUMITRESCO, S.; IONESCO, N.I.; BRONITKI, Al.

Morphological aspects of a strain of influenza virus of the
"mixed A plus A2" type compared to strains of types A and A2.
Rev. sci. med. 5 no.3/4:223-225 '60.
(INFLUENZA VIRUSES)

SURDAN, K.; PORTOCALE, R.; DUMITRESCU, S.; IONESCU, Ni.

A cytological study of the changes caused by Rubarth's virus in
the liver of chick embryos. Rev. sci. med. 7 no.3/4:203-207 '62.
(VIRUS CULTIVATION) (LIVER)

PORTOCALA, R.; BOERU, V.; ADERCA, I.; SAMUEL, I.

Investigations of the infectious desoxyribonucleic acid isolated
from adenoviruses. Stud. cercet. inframicrobiol. 12:253-258
Supplement '61.
(ADENOVIRUS) (DESOXYRIBONUCLEIC ACID virology)

POROCALA, R.

Investigations of the infectious role of viral nucleic acids.
Stud. cercet.inframicrobiol. 12:53-55 '61.
(VIRUSES) (NUCLEIC ACIDS virology)

PORTOCALA, R.; DUMITRESCO, S.; IONESCO, N.I.; SAMUEL, I.; BOERU, V.

Infectivity of ribonucleic acid isolated from influenza virus;
morphological aspects of the generated virus. Rev. sci. med.
5 no.3/4:227-229 '60.
(INFLUENZA VIRUSES) (RIBONUCLEIC ACID)

PORTOCALA, R.

Further data and interpretations of the problem of the multiplication
of viruses. Stud. cercet. inframicrobiol. Bucur. 11 no.4:597-618
'60.

I. Conferinta prezentata la Societatea Stiintelor Medicale, filiala
Iasi.
(VIRUSES) (NUCLEIC ACIDS chemistry)

PORTOCALA, R.; BOERU, V.; ADERCA, I.; SAMUEL, I.

The infectivity of deoxyribonucleic acid isolated from an adenovirus.
(Preliminary note). Rev. sci. med. 6 no.1/2:91-93 '61.

(DEOXYRIBONUCLEIC ACID)
(ADENOVIRUS chemistry)

PORTOCALA, R.; BOERU, V.; SAMUEL, I.

Reproduction of influenza virus with the aid of viral ribonucleic acid. IV. Investigation of ribonuclease in embryonated eggs of various ages. Stud. cercet. inframicrobiol. Bucur. 12 no.1:71-75 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.
(INFLUENZA VIRUSES culture) (RIBONUCLEASE chemistry)
(RIBONUCLEIC ACID pharmacology)

PORTOCALA, R.; ANDREESCU, M.

Reproduction of influenza virus with the aid of viral ribonucleic acid. V. Influence of the quality of the phenol on the ribonucleic acid activity. Stud. cercet. inframicrobiol. Bucur. 12 no.1:77-81 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.
(INFLUENZA viruses culture, RIBONUCLEIC ACID pharmacology)
(PHENOLS pharmacology)

PORTOCALA, R.; IONESCU, N.I.

Morphology of nucleic acids. Stud. cercet. inframicrobiol. 12
no.4: 557-563 '61.
(NUCLEIC ACIDS virology)

PORTOCALA, R.; IONESCU, N. I.

Morphology of nucleic acids. Studii cerc inframicrobiol 12 no.4:
557-563 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R.

PORTOCALA, R.; BOERU, V.; ADERCA, I.; SAMUEL, I.

The infecting deoxyribonucleic acid isolated from adenovirus.
Studii cerc inframicrobiol Special issue-supplement to 12:253-258
'61.

1. Institutul de inframicrobiologie al Academiei R.P.R.

(ADENOVIRUS INFECTIONS)
(DEOXYRIBONUCLEIC ACID)

PORTOCALA, R.; SCHWARTZ, J.; MOSCOVICI, O.; IONESCU, N.I.

Electron microscope study of the development of disorders of the
myofibrils in infant mice infected with Coxsackie virus. Arkh.
pat. 23 no.2:33-40 '61. (MIRA 14:2)
(COXSACKIE VIRUSES) (MUSCLES—DISEASES)

PORTOCOLA, R.; POPA, L.; SAMUEL, I.; PRAHOVEANU, E.

The action of some physical and chemical agents on the infectivity of nucleic acids isolated from viruses. IV. Chromatographic and spectrophotometric investigations of some ribonucleic acids extracted from the MM virus and exposed to the action of heat. Stud. cercet. inframicrobiol. 15 no.1:21-29 '64.

POROKALE, R. [Portocala, R.]; DUMITRESKO, S. [Dumitresco, S.]; IONESCU, I.
[Ionescu, I.]; BRONITSKIY, A. [Bronitki, A.]

Morphological characteristics of 3 types of influenza virus, including
one with a double antigen. Vop. virus 6 no.4:408-415 Jl-Ag '61.
(MIRA 14:11)

1. Institut inframikrobiologii Akademii nauk Rumynskoy Narodnoy
Respubliki, Bukharest.
(INFLUENZA)

PORTOLALA, R.

Bucharest, Microbiologie, Parasitologie, Endocrinologie, Vol VII, No 2, Jan-Apr 1962

1. "The Group of Respiratory Viruses," Paediatrician 58, 3, 1962 and Crit M. CALZI; pp 97-109.

2. "The Morphopathology of Respiratory Viral Diseases," Dr G. MARINESCU and Dr V. IONES; pp 111-118.

3. "Respiratory Viral Diseases Transmissible from Animals to Man," Dr D. SABADU and Dr C. SIMIONU; pp 119-123.

4. "The Mechanism of Multiplication of Some Respiratory Viruses," Dr R. TOROCALU and Dr T. SACHEL; pp 125-131.

5. "The Radioisotopic Aspect of Viral Respiratory Diseases in the Child," Prof A. RADULESCU, Dr I.M. SALAMU, Dr Valeriu POPESCU and Dr C. TANASESCU; pp 133-140.

6. "Antigenicity in the Therapy of Respiratory Viral Diseases," Prof H.O. BALS; pp 141-146.

7. "Virus Cariology in Respiratory Infections," Dr Adelina DRAGICEVIC; pp 147-151.

8. "Pathogenesis of Influenza," Dr I. NEFTIN, Dr Al. POPESCU, Dr Eugeniu TILISANU and Dr I. NICULESCU; pp 153-162.

9. "Contributions of the International Conference on 'Viral Respiratory Diseases,' Bucharest, 29-30 September 1961," pp 163-164.

— VI —

PORTOY, A.S.

Case of calculi associated with tuberculosis of the right kidney in a
10 year old girl. Pediatriia, Moskva No.5:71-72 Sept-Oct 51. (CLML 21:4)

1. Of the Urological Division (Head--A.I. Plisetskiy (Nikolayev Oblast
Hospital (Head Physician--N.N. Dubovik)).

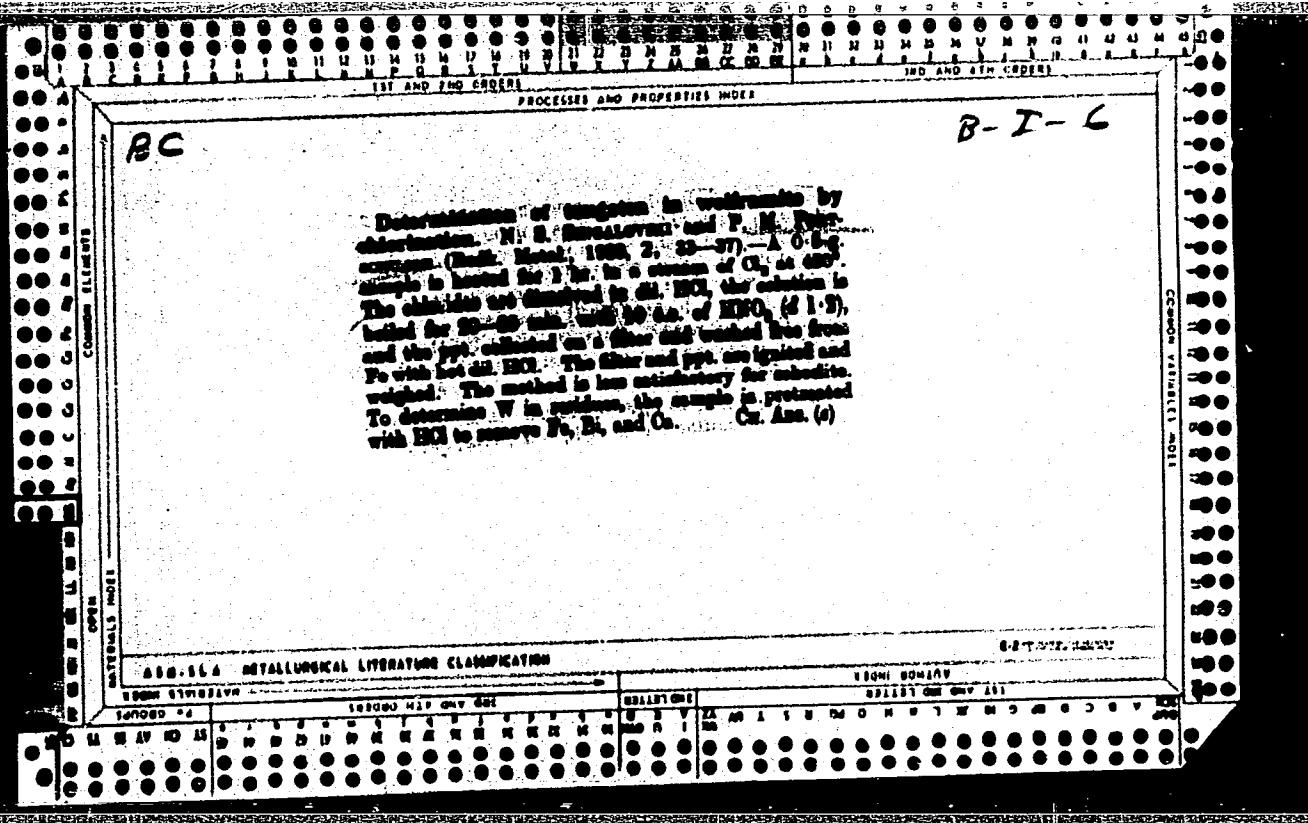
VINOGRADSKIY, I.I.; PORTSAKO, I.F.

[Topographical surveying instructions for the rodman] Pamiatka
rechnika na topograficheskoi s*emke. Moskva, Geodesizdat, 1953.
73 p. (MLRA 8:11)

(Topographical surveying)

PORTSANKO, Il'ya Filippovich; DROZDOV, V.I., red.; KOMAR'KOVA, L.M.,
red.izd-va; ROMANOVA, V.V., tekhn.red.

[Rodman's instructions in topographical surveying] Pamiatka
rechnika na topograficheskoi s'emeke. Moskva, Izd-vo geodez.
lit-ry, 1960. 87 p.
(Topographical surveying)



PURTSEIAN, A.A., inzh.

Current load on wires during ice melting by the method of
short circuits. Elek. i tepl. tiaga 9 no.11:18-19 N '65.
(MIRA 19:1)

PORTELAN, A.O., kandidat tekhnicheskikh nauk, dotsent

Determining lateral pressure during the braking of railroad
cars with the brake shoe in the depressed position. Sbor.
LIIZHT no.148:187-203 '55. (MLRA 8:10)
(Railroads--Brakes)

PORTSELAN, A.O., dotsent, kandidat tekhnicheskikh nauk.

Determining the resistance coefficient of the motion of a brake
shoe on a rail during the release of freight cars from a switch-
yard hump. Sbor. LITZET no.146:270-282 '54. (MIRA 8:1)

(Railroads--Brakes)

1. PROTSENKO, N.M.
2. USSR (600)
4. Brucellosis
7. Effect of vitamin C deficiency on the course of brucellosis in guinea pigs. (Second communication), Trudy Vses .inst.eksp.vet., 19, No.1, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

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CIA-RDP86-00513R001342610002-2

PORTSEVSKIY A
SHISHAKOV, V.A.; PORTSEVSKIY, K.P.

Ninth Moscow Astronomic Olympiad in 1955. Biul. VAGO no. 18:70-73 '56.
(MLRA 10:1)
(Moscow--Astronomy--Competitions)

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CIA-RDP86-00513R001342610002-2"

PORTSEVSKIY, K.A.

DAGAYEV, M.M.; ZIGEL', P.Yu., kand. ped. nauk; LARIONOV, A.P.; PORTSEVSKIY, K.A.; SHISHAKOV, V.A., kand. ped. nauk; BRONSHTEIN, V.A., red.; KAVERIN, A.A. (Irkutsk); TSIRUL'NITSKIY, N.P., tekhn. red.

[1958 astronomical calendar for schools] Shkol'nyi astronomicheskiy kalendar' na 1958 god. Moskva, Gos. uchebno-pedagog. izd-vo M-vn prosv. RSFSR. No.8. 1958. 120 p. (MIRA 11:7)

1. Starshiy prepodavatel' Moskovskogo gorodskogo pedagogicheskogo instituta imeni V.P. Potemkina (for Dagayev). 2. Lektor Moskovskogo planetariya (for Larionov, Portsevskiy).

(Astronomy--Yearbooks)

~~PORTSEVSKIY, K.A.~~

Tenth Moscow Astronomical Olympiad in 1956. Biul. VAGO no.22:47-48
'58. (MIRA 11:6)
(Moscow--Astronomy--Competitions)

PoRTs EVSKY, K.A.

(61)

NAME & BOOK EXPLOITATION

BOV/301

Vsesoyuznoye astronomo-geodatzeskoye obshchestvo

Syzh-47, no. 25 / 52/ (Bulletin of the All-Union Astronomical and Geodetic Society, № 25 / 52/) Moscow, Izd-vo AN SSSR, 1950. 50 p. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR.

Editorial Board: V.V. Polyanskiy (Resp. Ed.), M.S. Bobrov (Deputy Resp. Ed.), M.M. Dugayev, I.T. Kotkin, A.A. Iotov, P.P. Parenago, P.I. Popov, V.A. Bronstein (Scientific Secretary)

PURPOSE: This booklet is intended for astronomers and geophysicists.

COVERAGE: This is a collection of 14 articles on various questions in astronomy. Among the problems treated are: determining the age of lunar formation by analyzing meteoritic crater distribution, atmospheric extinction in the presence of noctilucent clouds, star brilliance, solar cycles, meteor and comet studies. There is an article on the 12th Moscow Astronomical Olympiad competition for students of astronomy and geodesy. References accompany individual articles.

Vasil'yev, O.B. Accounting for Atmospheric Extinction in the Observation of Noctilucent Clouds 24

Dolgorod'ko, T.A. Statistical Relationship Between the Amplitude of the Variations in the Brilliance of Variable Stars and Their Spectral Class 26

Pyshnenko, V.N., and M.N. Pyshnenko. Observations of the Comets Arred-Baland and Mrkos in 1957 31

Rosenblum, N.D. Notes on S.V. Orlov's Formula 35

Rosenblum, N.D. Processing a One Sided Photograph of the Meteor 9-10 of December 1950 37

Nikolayev, S.P. An Approximate Computation of the Moon's Phases 38

Mil'khiner, M.A. Apparatus for Photographing Eclipses 41

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Toschuk, L.G. Notes on an Unknown Empirical Law 46

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Bogolyubov, N.N. The Twelfth Moscow Astronomical Olympic Competition of 1950 49

PORTEVSKIY, K.A.

The 12th Astronomical Olympiad in Moscow in 1958. Biul.
(MIRA 13:3)
VAGO no.25:48-51 '59.
(Astronomy--Competitions)

PORTEVSKIY, K.A.

In stellar halls of our country. Zem. i vsel. l no.2:70-74 Mr-Ap
'65. (MIRA 18:8)

SHISHAKOV, Vitaliy Alekseyevich; DAGAYEV, Mikhail Mikhaylovich;
Prinimal uchastiye POKRTSEVSKIY, K.A.; SOKOLOV, V.A., red.

[School astronomical calendar for 1964] Shkol'nyi astro-
nomicheskii kalendar' na 1964 god. Vyp. chetyrnadsatyi.
Moskva, Uchpedgiz, 1963. 70 p. (MIRA 17:6)

SHISHAKOV, V.A.; DAGAYEV, M.M.; PORTSEVSKIY, K.A.; SVITKOV, L.P.,
red.; ZAYTSEVA, K.F., red. kart; KORNEYEVA, V.I., tekhn.
red.; TSIRUL'NITSKIY, N.P., tekhn. red.

[School astronomical calender for 1963] Shkol'nyi astronomi-
cheskii kalendar na 1963 god. Moskva, Uchpedgiz. No.13. 1962.
(MIRA 15:10)
74 p.

(Astronomy—Yearbooks)

PORTSIAKHOVA, A.K.

GUREVICH, A.O., kand.med.nauk; VESTERMAN, Ye.S.; PORTSIAKHOVA, A.K.

Pathogenesis and clinical aspects of tuberculosis in adolescents.
Pediatriia 36 no.1:29-34 Ja '58. (MIRA 11:2)

1. Iz Respublikanskogo protivotuberkuleznogo dispensera Latvianskoy
SSR (glavnyy vrach Ye.Ye.Kuznetsova)
(TUBERCULOSIS) (ADOLESCENCE)

107-57-2-42/56

AUTHOR: Vasil'yev, A. and Portsig, N. (Aleksandrov)

TITLE: "Rekord" TV set (Televizor "Rekord")

PERIODICAL: Radio, 1957, Nr 2 pp 45-48 (USSR)

ABSTRACT: Manufactured by the plants of the Ministry of Radio-Engineering Industry, the "Rekord" is a third-class table-model TV set. It is intended for 5-channel TV reception and FM radio reception within the 64.5- to 73-mc band. Its sensitivity is 200 μ v, or better; definition is about 500 lines. Power supply is from a 127- or 220-v line. The TV set can be connected also to a noninterconnected power system where the power frequency at the TV set is nonsynchronous with that at the TV broadcast station. Power consumption is 160w for the TV set or 85w for FM radio alone. Its size is 485 x 425 x 525 mm; its weight is 24.5 kg. A superheterodyne single-channel receiver is used, and a 6.5-mc intercarrier frequency is used for the sound system. A type DG-Tsl semiconductor diode is used as the video detector. Four 6Zh1P, three 6N1P, two 6P9, one 6K4P, one 6P14P, one 6P13S, one 6Ts10P, and one 1Ts11P tubes and a 35LK2B kinescope are used in the TV set. A complete circuit diagram of the set is presented and discussed in detail. The TV set has a unitized construction described in some detail in the article. All

Card 1/2

SEREBOVYAKOVA, Ye.N.; PORTSIG, N.A.

Regulated current stabilizer with moving coil. Trudy GPI 19 no.3-28-
89 '63. (MIRA 17:10)

PORTSIG, N.

VASIL'YEV, A.; PORTSIG, N.

The "Record" television set. Radio no.2:45-48 P '57.

(MLRA 10:3)

(Television--Receivers and reception)

POKTS 16, N.

"Rekord Television Receiver," by A. Vasil'yev and N. Portsig,
Radio, No 2, Feb 57, pp 45-48

The Rekord, which is manufactured by plants of the Ministry of Radio Engineering Industry (assembled at the Aleksandrov Radio Plant), is a 15-tube, third-class table-model receiving set. It is designed to receive programs of the first five TV channels and the FM-USW radio band (64.5-73 Mc). The sensitivity of the set is about 200 microvolts and the horizontal resolution on the screen is about 500 lines. The set operates from a 127 or 220-v ac power supply, and consumes about 160 w. Intermediate frequency for the video channel is 34.25 Mc and for the audio channel, 27.75 Mc and 6.5 Mc.

The I-F amplifier stage has three type 6Zh1P tubes; the video-detector is built with one semiconductor diode DG-Tsl. The scanning and synchronizing units are built with new tubes 6P13S, 6P14P, 6Ts10P, and 1Ts11P. Blocking-oscillators of frame and line scanning are built with tubes 6N1P. Picture tube 35LK2B is used.

The Rekord is built of the following basic units: selector switch unit FTP-1, deflecting system, output transformers, transformers for line and frame scan blocking oscillators, and picture size regulator, all of which are standarized blocks and are manufactured at special plants.

In the first lot of these TV sets poor focusing of the image was observed. (U)

SUN.1322

PORTSIVA, L.I.

36878. Ob effektivnosti sul'famidoterapii kruposnoy pnevmonii. (Po materialam propedevt. terapevt. Kliniki IGMi za 1946-1948 gg.) Trudy Med. in-ta (Izhevsk. gos. med. in-t), t. IX, 1949, s. 85-88

SO: Letopis' Zhurnal Nykh Statey, Vol. 50, Moskva, 1949

PORTSIYA, L. I.

Cand Med Sci - (diss) "Dynamics of oligophrenia (decility) under the influence of medico-pedagogical actions under conditions of the auxiliary school." Ufa, 1961. 16 pp; (Bashkiria State Med Inst imeni 15th VLKSM); 200 copies; price not given; (KL, 7-61 sup, 261)

L 42152-65 EPA(w)-2/EWT(m)/EWA(m)-2 Pt-7/Pab-10 IJP(c)
ACCESSION NR: AT5006204

S/3138/64/000/251/0001/0022

37

35

B+1

AUTHOR: Porubay, N. I.; Sivkov, Yu. P.

TITLE: Analysis of the results of geodesic measurements on the foundation of the electromagnet of the ITEF 7-GeV accelerator /

SOURCE: USSR, Gosudarstvennyy komitet po ispol'zovaniyu atomnoy energii. Institut teoreticheskoy i eksperimental'noy fiziki. Doklady, no. 251, 1964. Analiz rezul'tatov geodezicheskikh izmereniy na fundamente elektromagnita uskoritelya ITEF na 7 Gev., l-22

TOPIC TAGS: cyclic accelerator, particle accelerator, accelerator magnet, magnet foundation, building tolerance, foundation stiffness, particle orbit

ABSTRACT: This report is a continuation and further development of work on the analysis of the deformations of the foundations and the shifts of the electromagnet blocks of the 7-GeV accelerator of ITEF (Institute of Theoretical and Experimental Physics). The measurement procedure and the preliminary analysis were reported in PTE, No. 4, 1962, pp. 55-69. A separate analysis is made of the deformations and of the shifts in the horizontal and vertical directions. The influence of various

Card 1/2

Submitted: 5 MAY 64

L 42152-65

2

ACCESSION NR: A15006204

deformations on the deviation of the equilibrium orbit is analyzed by expansion in harmonic sums. The foundation vibration amplitudes reach 1 mm in magnitude (in vertical and radial direction) at frequencies much lower than the betatron frequency, and are commensurate with the measurement error (30 or 40 microns) for vibrations close to the betatron frequency. The radial deviation of the blocks is within 100 microns, and the vertical deviation can reach 0.5 mm. The azimuthal deformation of the foundation has a maximum of 1 mm. Some causes of the deformation are analyzed. The procedure used for the geodesic measurements is evaluated from the point of view of disclosing dangerous deformations. The deviation of the equilibrium orbit due to all the causes does not exceed 5 mm, which is considered acceptable. "The authors thank V. V. Vladimirov for great help rendered to the surveying group during the construction, erection, and adjustment of the accelerator, and L. L. Gol'din for interest in the work and valuable discussions." Orig. art. has: 12 figures, 10 tables, and 11 formulas.

ASSOCIATION: Gosudarstvennyy komitet po ispol'zovaniyu atomnoy energii, Institut teoreticheskoy i eksperimental'noy fiziki (State Committee on the Use of Atomic Energy, Institute of Theoretical and Experimental Physics)

Card 2/3

MASTYUKOVA, Yu.N.; KHESIN, Ya.Ye.; SARAYEVA, N.T.; SUMAROKOV, A.A.;
PORUELL L.A.

Nature of intracellular inclusions in measles. Vop. virus. 8
no.1:27-31 Ja-F'63. (MIRA 16:6)

1. Moskovskiy nauchno-issledovatel'skiy institut epidemi-
logii i mikrobiologii i Moskovskiy nauchno-issledovatel'skiy
institut virusnykh preparatov.
(MEASLES VIRUSES) (PATHOLOGY, CELLULAR)

PORUBIAKOVA, Jarmila inz.

Microbiological quality of milk in the East Slovakia region.
Prum potravin 15 no.4:164-166 Ap '64.

1. Institute of Dairy Research, Prague, Branch Zilina.

PORUBJAK, Jan.

"Lightning rods" by Ladislav Rihanek. Reviewed by Jan Porubjak.
Elektrotechnik 17 no.12:363 D '62.

PORUCHIKOV, Ye.A., kapitan meditsinskoy sluzhby

Influence of rowing exercises on the cardiovascular system of older
officers under sanatorium conditions. Voen.-med. zhur. no.6:79-80
(MIRA 14:8)
Je '61.

(CARDIOVASCULAR SYSTEM) (ROWING)

PORUCHIKOV, Ye.A.

Dynamics of the cardiac stroke and minute volume following physical stress of varying intensity. Fiziol. zhur. 49 no.9; 1076-1085 S '63. (MIRA 17:12)

1. From the Department of Sports Medicine, P.F. Lesgaft Institute of Physical Culture, Leningrad.

L 41362-65 EWP(z)/EWT(m)/EWP(b)/T/EWA(d)/EWP(t) NJW/JD/HW
ACCESSION NR: AR4039997 S/0277/64/000/004/0007/0007

17
B

SOURCE: Ref. zh. Mashinostr. mat. konstr. i raschet detail. mash. Otd. vyp.
Abs. 4.48.47

AUTHOR: Poruchikov, Yu. P.; Chechulin, V. A.

TITLE: Peculiarities of the technological properties of steel 30Kh10G10

CITED SOURCE: Sb. Nauk po v. litvyn. proiz-v. Gor'kly, 1963, 123-130

TOPIC TAGS: cavitation resistant steel, steel casting, stainless steel/steel 30Kh10G10

TRANSLATION: Steel 30Kh10G10 is recommended for the manufacture of castings operating in environments producing cavitation failure. The cavitation resistance of cast samples of the steel was 10 times as high as that of stainless steel of types 1Kh18N8L and 2Kh13L.

SUB CODE: MM

ENCL: 00

CC
1/1

Conf

OVSYANNIKOV, Konstantin Matveyevich; PORUCHIKOV, Yu.P., kand. tekhn.
nauk, retsentent; VOLPYANSKIY, L.M., red.; MARCHENKOV, I.A., tekhn.red.

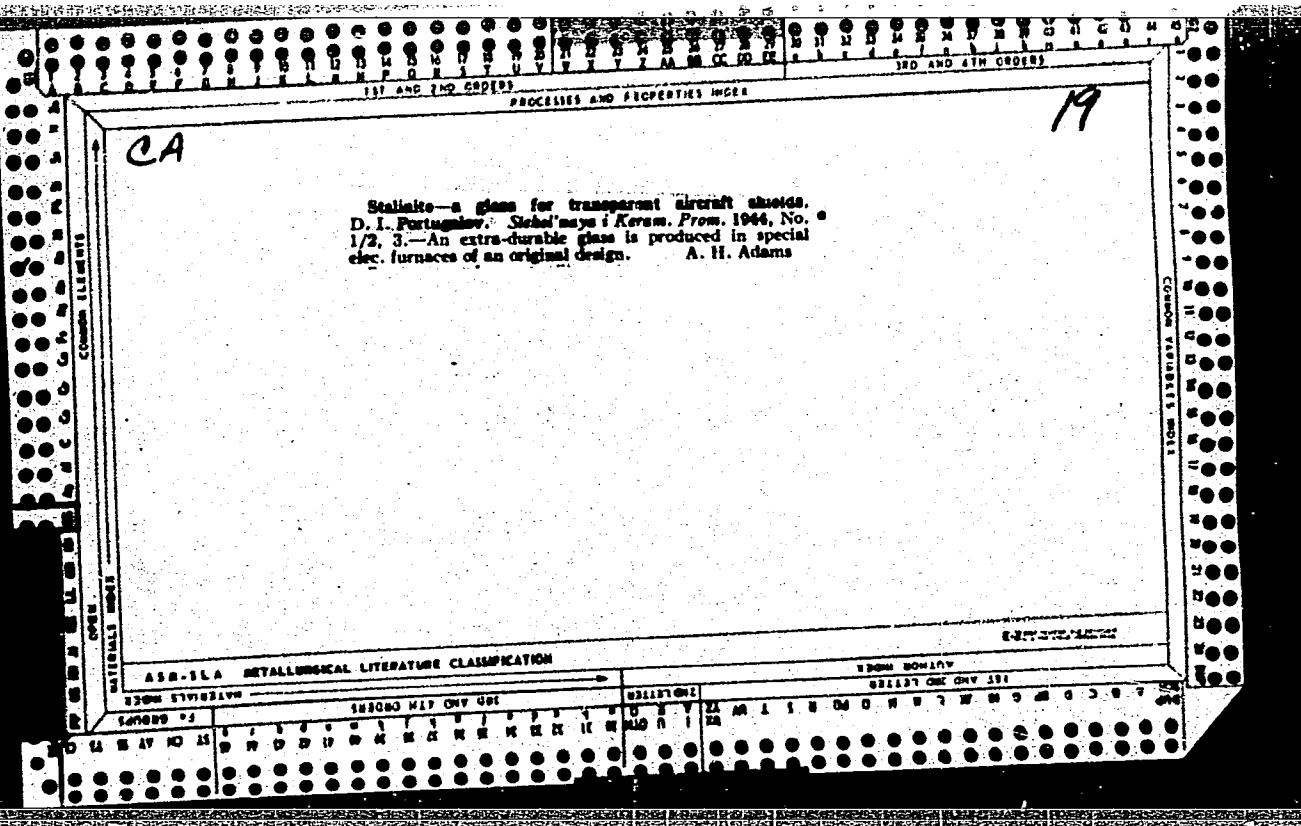
[Principles of the automation of foundry practice] Osnovy
avtomatizatsii liteinogo proizvodstva. Pod red. L.M.
Volpianskogo. Moskva, Mashgiz, 1960. 50 p. (Nauchno-
pamyatnaia biblioteka rabochego-litseiashchika, no.30)
(MIRA 16:2)

(Foundry) (Automation)

KOZHEUROV, Petr Il'ich; PORUCHIKOV, Yu.P., kand. tekhn.nauk, retsenzent;
ROMANOV, A.A., kand. tekhn.nauk, red.; DUGINA, N.A., tekhn. red.

[Over-all mechanization in foundries] Kompleksnaya mekhanizatsiya
v liteinykh tsekhakh. Moskva, Mashgiz. 1962. 286 p.
(MIRA 16:2)

(Foundries—Equipment and supplies)



Rapid repair of tank furnaces and Fourcault channels.
 A. A. GOLUBOV AND D. I. POGOUGALOV. *Steklo i Keram.*, 5 [4] 1-3 (1948).—Semicold repair of tank furnaces has been in practice in many glass plants in the Soviet Union since 1941. Practice has shown that the service period between cold repairs can be raised to 30 to 35 months, with two semicold and two or three hot repairs being made during this period. In making semicold repairs, the feeding of gas into the worn section of the tank furnace is discontinued by covering the burners, and this section is separated from the undamaged sections by means of an asbestos sheet which is lowered into the furnace. The temperature in the section to be repaired drops rapidly to 30° to 60°, which is satisfactory for working. Semicold repairs are particularly advantageous when it is not necessary to repair the gas and smoke passages, air and gas valves, bottom of the tank furnace, and bridge structures in the Fourcault channel. With these it is necessary to stop the gas completely and stop the furnace and Fourcault channel for cold repairs. Examples are given of rapid starting up after repairs without destruction of refractories.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342610002-2"

ACS

XI

Improved construction of glassmelting furnaces. D. I. PORTNOY AND G. V. POROTSKAYA. *Steklo i Keram.*, 8 [6] 7-8 (1951).—A review is given of possible improvements as reflected in "Temporary specifications for the construction of glassmelting furnaces," published in 1950. B.Z.K.

PORUGALOV, D. I., TYKACHINSKIY, I. D.

Glass Manufacture

Development of production and use of thick-walled glass tubes., Stek. i ker.,
9, no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952., Unclassified.

BREKHOVSKIEH, S.M.: PORTUGALOV, D.I.

Glass - Testing

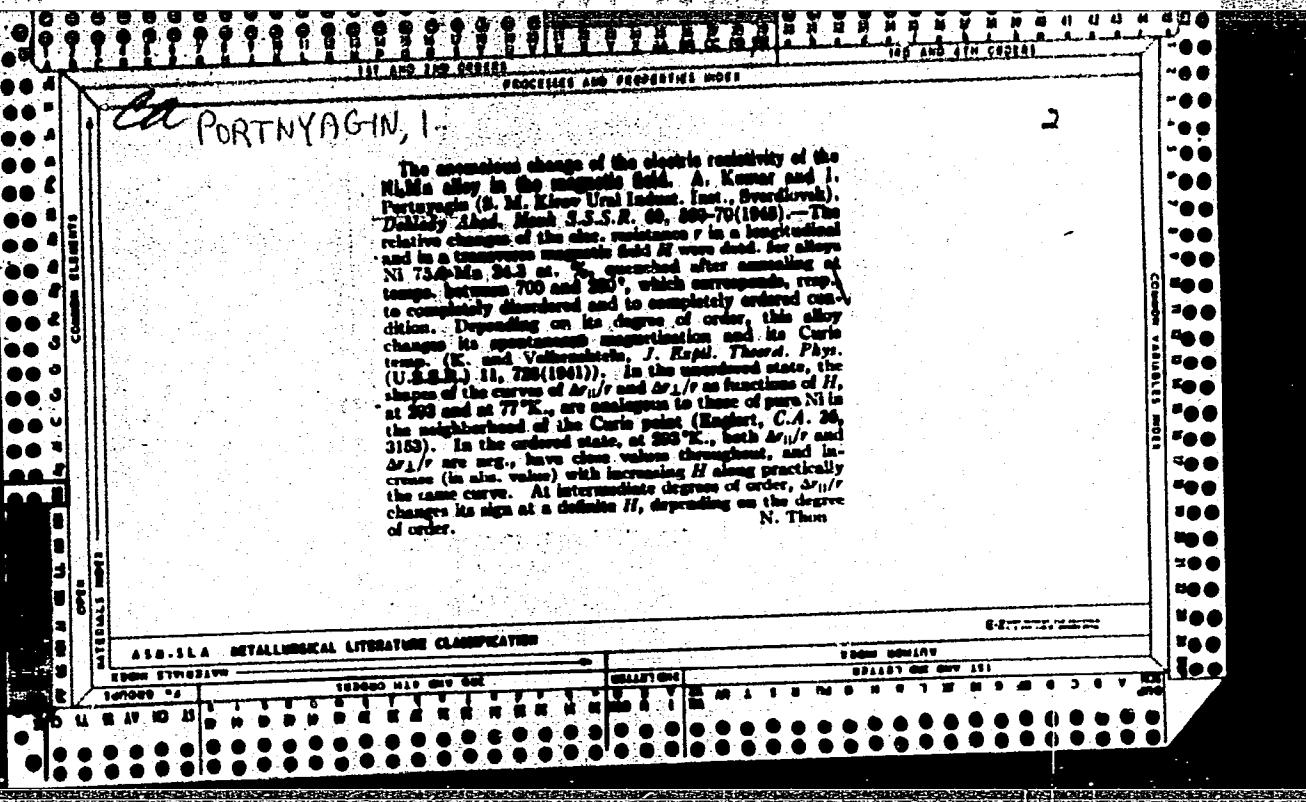
Method of determining the quality of technical sheet glass, Stek. i ker., 9,
No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 ~~1958~~, Uncl.

PORUGALOV,D.

Develop the production of lime in every way. Stroi mat. izdel. i
konstr. l no.5:19-21 My'55. (MLRA 8:11)

1. Nachal'nik Glavvyashstroydetal' Ministerstva promyshlennosti
stroitel'nykh materialov RSFSR
(Lime)



PORUGALOV, S.O., doktor med. nauk; SHMIDT, I.Z.

Dynamic osteosynthesis as a method of surgical fixation of periarticular fragments of long tubular bones. Khirurgia 40 no. 5:38-44 My '64. (MIRA 18:2)

I. Fil'jal (nauchnyy rukovoditel' - doktor med. nauk S.O. Portugalov) gospital'noy khirurgicheskoy kliniki pediatriceskogo fakul'teta (zav.- prof. A.V. Gulyayev) II Moskovskogo gosudarstvennogo meditsinskogo instituta na baze gorodskoy klinicheskoy bol'nitsy No.1 imeni Pirogova (glavnnyy vrach - zasluzhennyy vrach RSFSR L.D. Chernyshov).

PORTEGALOV, S.O., dr. med. nauk; BRODSKIY, O.S.

Osteosynthesis using one or two metal screws without plates
in diaphysial oblique, oblique-spiral and spiral fractures
of the tibia. Khirurgiia 40 no.2:128-132 F '64.

(MIRA 17:7)

1. Travmatologicheskiy filial (nauchnyy rukovoditel' - doktor
med. nauk S.O. Portugalov) gospital'noy khirurgicheskoy kliniki
(zav. - prof. A.V. Gulyayev) II Moskovskogo gosudarstvennogo
meditsinskogo instituta imeni N.I. Pirogova.

PORUGALOV, S.O., doktor med. nauk; GIRSHIN, S.G.

Osteoplasty with cancellous bone autografts. Khirurgiia 39
no.5:ll-15 My '63. (MIRA 17:1)

1. Iz filiala (nauchnyy rukovoditel' - doktor med. nauk
S.O. Portugalov) gospital'noy khirurgicheskoy kliniki
(zav. - prof. A.V. Gulyayev) II Moskovskogo gosudarstvennogo
meditsinskogo instituta imeni Pirogova.

POTUGALOV S.O.

Intramedullary railing of bones of the forearm. Eksper.khir.
2 no.2:33-41 Mr-Ap '57. (MIRA 12:8)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni S.I.
Spasokukotskogo (dir. -deystvitel'nyy chlen AMN SSSR prof.
A.N.Bakulev) II Moskovskogo meditsinskogo instituta imeni
I.V.Stalina.

(FOREARM, fract.
surg., intramedullary osteosynthesis with
metal pin (Rus))

PORTUGALOV, S. O. Doc Med Sci -- (diss) " Intramedullary
osteosynthesis with ~~the use~~ ^{by means} of metallic needle," Mos, 1957.

19 pp 22 cm. (~~the~~ Second Moscow Medical Inst im ^{J.} V. Stalin),

200 copies

(KL, 21-57, 105)

-96-

PORUGAL', V.B.; NATANSON, G.I.; ALEKSEYNA, V.P.; SMIRNOV, V.I., akademik,
red.; CHEBOTAREV, G.A., prof., doktor fiziko-matematicheskikh
nauk, otvetstvennyy red.; ZEMDEL' R.Ye., tekhn.red.

[Mathematics and mechanics in the publications of the Academy of
Science of the U.S.S.R.; a bibliography] Matematika i mehanika v
izdaniakh Akademii nauk SSSR; bibliografija. Sostavili V.B.Porugal',
G.I.Natanson, V.P.Alekseyeva. Pod red. V.I.Smirnova. Moskva, Vol.3.
1948-1952. 1957. 361 p. (MIRA 11:4)

1. Akademija nauk SSSR. Biblioteka.
(Bibliography--Mathematics)
(Bibliography--Mechanics)

PORUGALOV, S.O.

Correction of asymmetry of the legs by shortening the normal leg.
Khirurgija no.9:53-58 S '54. (MIRA 7:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (dir. deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR prof. A.N.Bakulev) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina.

(IMC, diseases,
asymmetry, surg., shortening of normal leg)

PORUGALOV, S.O., dotsent

Intramedullary fixation by a metal nail in clavicle fractures.
Sov.med. 21 no.4:58-63 Ap '57. (MLRA 10:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (dir. - deyatviteльnyy chlen Akademii meditsinskikh nauk SSSR prof. A.N.Bakulev) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina.
(CLAVICLE, fract.
interamedullary osteosynthesis with metal nail)

PORUGALOV, S.O.

Esophagostrostomy in cardiospasm. Khirurgija, Moskva no.4:29-33
Ap '50. (CLML 19:2)

1. Of the Faculty Surgical Clinic (Director -- Honored Worker in
Science -- Prof. N.A.Bogoraz), Second Moscow Medical Institute imeni
I.V.Stalin.

184T5

PORTUGALOV, V. V.

USSR/Biology - Cholinesterase

11 Jun 51

"Localization of Cholinesterase in Striated Muscles," V. V. Portugalov, V. A. Yakovlev, Inst of Biophys, Acad Sci USSR

"Dok Ak Nauk SSSR" Vol LXVIII, No 5, pp 1021-1024

Used method based on splitting of acetylthiocholine (I) by cholinesterase (II), ptn of thiocoline copper salt, and transformation of that copper salt into CuS. Prep iodide of I according to new method devised by S. Z. Ivin, which simplifies R. R. Renshaw's procedure. In view of fact that I does not penetrate into the cell, treated tissue with acetone before applying I. Found largest quantity of II is

184T5

USSR/Biology - Cholinesterase
(Contd)

11 Jun 51

contained in nucleus, less in sarcoplasm. By treating tissue with proserine, established condition under which II is detected only in nuclei of muscle fibers. Established differences in length of zone of muscle fiber which exhibits cholinesterase activity, particularly between tonic (long zone) and nontonic (short zone) fibers.

184T5

PORTUGALOV, V. V.

"The Histophysiology of Nerve Ending." Dr Biol Sci, Acad Med
Sci USSR, Moscow, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

FOR OFFICIAL USE ONLY, V.V.

Location of cholinesterase in animal tissue. V. V. Portugolov and V. A. Yakovlev. *Voprosy Med. Khim.* 1953, No. 12903, p. 188-207 (1953); *Referat Zhur. Khim.* 1954, No. 12903. The localization of specific (I) and nonspecific (II) cholinesterase in tissue was studied. The histochem. method is based on enzymic splitting of thiocholine from acetylthiocoline (III) by I and II, and from butyrylthiocoline (IV) which is done practically only with the II enzyme. The split-off substances were pptd. *in loco* as Cu mercaptides and were further turned into colored CuS. A comparison of the color of sections incubated separately and in the presence of III and IV enables differentiation of the localization of various cholinesterases. To improve the penetration of III and IV into the cells, the tissue was cooled to -15° in Me₂CO and the sections were prep'd. on a freezing microtome; II was found in all tissues. It was absent from nerve fibers, arterio-venous anastomoses, cerebral cortex, skeletal muscles, and others. II was found in some cells of the tactile layer of finger tips, in carotid glomus, in some cells of sympathetic ganglion, in the center of the vagus, in flat muscles, and liver. In most of these cases II is distributed in the cells more or less evenly. In contrast to this enzyme, I is present in all the enumerated tissue as well as in some others, except the liver. In most cases, it is distributed locally in tissue and usually is found in nerve structure where upon nervous excitation acetylcholine is formed. In skeletal muscles I is localized predominantly in motor end plates and adjacent parts of muscle fiber (toule muscles). When the nerve is cut (after degeneration), I spreads to a larger part of the fiber. M. Hesch.

FALIN, L.I.; PORTUGALOV, V.V., redaktor; BUL'CHIKOVA, Yu.S., tekhnicheskiy redaktor.

[Some moot questions on the morphology and physiology of the Wallerian degeneration of peripheral nerves] Nekotorye spornye voprosy morfologii i fiziologii vtorichnoi degeneratsii perifericheskikh nervov. Moskva, Gos. izd-vo med. lit-ry, 1954.
97 p.

(MLRA 7:8)

(Degeneration(Pathology)) (Nerves)

PORUGALOV, V.V.

[Studies on the histophysiology of nerve endings] Ocherki gisto-fiziologii nervnykh okonchanii. Moskva, Medgiz, 1955. 223 p.
(NERVES) (MLRA 10:3)

PORTUGALOV, V.V.

USSR/ Medicine - Histology

Card 1/1 Pub. 22 - 42/46

Authors : Portugalov, V. V., and Yakovlev, V. A.

Title : Distribution of succino-dehydrogenase in the sensory and motor nerve extremities

Periodical : Dok. AN SSSR 103/1, 157-160, Jul 1, 1955

Abstract : Experiments were conducted on the tissue of cats that were in a state of narcosis to determine the distribution of succino-dehydrogenase in the sensory and motor extremities of nerves. Results are described. Eleven references: 8 USA, 1 Eng., and 2 Germ. (1934-1953). Illustrations.

Institution : Acad. of Med. Sc., USSR, Inst. of the Brain

Presented by: Academician L. A. Orbeli, February 25, 1955

PORUGALOV, Viktor Valentinovich, red.; STRUKOV, Anatoliy Ivanovich, red.

[Histochemical methods in normal and pathological morphology]
Gistokhimicheskie metody v normal'noi i patologicheskoi morfo-
logii. Moskva, Medgiz, 1958. 246 p. (MIRA 13:3)
(MORPHOLOGY) (HISTOCHEMISTRY)

USSR/Human and Animal Morphology (Normal and Pathological) -
Nervous System. Central Nervous System

S

Abs Jour : Ref Zhur Biol., No 6, 1959, 26063

Author : Portugarov, V.V.

Inst :

Title : On Topography of Proteins in the Central Nervous System
(According to Materials of Investigations Conducted by
the Laboratory of Histochemistry of the Brain Institute,
Academy of Medical Sciences USSR)

Orig Pub : Zh. nevropatol. i psichiatrii, 1958, 58, No 6, 641-649

Abstract : The proteins of the brain were studied by biochemical,
histochemical and physico-chemical methods. In free
electrophoresis in a Tiselius apparatus, the soluble
proteins of various morphological formations of the
brain were differentiated by mobility in the electrical
field. It was discovered histochemically (tetrazonic
reaction to proteins and reaction of thiolic groups

Card 1/2

- 3 -

PORUGALOV, V.V.; TSVETKOVA, I.V.; YAKOVLEV, V.A.

Localization of protein metabolism in the microstructures of
the central nervous system. TSitologija 1 no.4:422-430
(MIRA 12:10)
J1-Ag '59.

1. Laboratoriya gistokhimii Instituta mozga AMN SSSR, Moskva.
(PROTEIN METABOLISM) (BRAIN)

PORTUGALOV, V.V.

- BOGDANOV, V. V.** - "The nucleic acids of the nerve cell's nucleus and cytoplasm".
- BOGDANOV, V. V., TROFIMOV, V. V. and SUDARSKAIA, N. V.** - "Histochromatography of astrocytic connective tissue in pathological conditions".
- BUKUNOVSKII, A. Ya.** - "Some aspects of carbohydrate metabolism of the transitional epithelium".
- CHOBOROV, G. B.** - "The studies on the cell-metabolism procedure".
- CHUDOV, V. A., MARCHET, M. S., RIBERGUE, S.**
- DEIN, M. I.** - "Nucleic acids fluorescence microscopy as a new method of microchemistry".
- EL'YANOV, G. M.** - "Histochromatographic characteristics of dopaminergic pathways".
- EL'YANOV, I. B.** - "The determination of nucleic acid groups in the inhibitory indicator (immunocytostain uronic acid method)".
- MAL'YGIN, B. S.** - "Biochemical and autoradiographic analysis of the role of nucleic acids in the synthesis of cellular proteins".
- OL'CHENKOVA, G. V.** - "The evolution of the protein-polysaccharide composition of cardiac connective tissue in the development of rheumatic process".
- PENKOV, A. L.** - "Histochromatological contribution to the study of glomerulo-hypophyseal secretion".
- PORTNOI, V. V.** - "Some techniques controlling the chemical activity of the nerve mitochondria".
- (A summary of this report has been received by the members of the Congress and is included in Annex 1).
- PRUDOV, E. A.** - "Histochromatography in experimental cancer chemotherapy".
- ROZIN, G. I.** - "Comparative histochromatography of connective tissue in their function".
- SPANOVSKI, A. L.** - "Presence of ribonucleoproteins in histochromatography of different animal cells and their functional importance".
- STROGOV, A. I.** - "Cytological and cytophysical characteristics of nerve tissues".
- STRUMOV, A. I.** - "Biotechnical examination of connective tissue in the light of recent publications".
- TURANOVSKI, A. A.** - "A comparative physical and biochemical characteristic of precollagen and collagen".
- VASIL'YEV, Yu. N.** - "Histochromatological studies of the connective tissue changes observed in the absence of development of localized sarcopenia in rats".
- ZAKHAROV, I. B.** - "Proteins and nucleic composition of nucleic structures".
- ZAKHAROV, I. B. and PENTROVICH, K. A.** - "On the role of cell nucleus and its fraction in protein biosynthesis measured by the incorporation of labeled amino acids".

reported as submitted to the
1st Int'l Congress of Bioch-
emistry and Cytobiology,
Paris, France, 26 Aug-3 Sep

PORUGALOV, V. V., DOVEDOVA, YE. L., SKREBITSKIY, V. G.

"Certain Mechanisms Regulating the Chemical Activity of the Mitochondria
of the Neuron."

report submitted for the First Conference on the problems of Cyto and
Histochemistry, Moscow, 19-21 Dec. 1960.

Institute of the Brain Academy of Sciences USSR, Moscow.

ZBARSKIY, I.B.; PORTUGALOV, V.V.

First Conference on Problems of Cyto- and Histochemistry. TSitologiya
3 no. 2:233-236 Mr-Ap '61. (MIRA 14:4)
(HISTOCHEMISTRY--CONGRESSES)

PORUGALOV, V.V., doktor biolog.nauk; ZHARSKIY, I.B., doktor biolog.nauk

Problems in cyto- and histochemistry. Vest.AN SSSR 31 no.4:130-
131 Ap '61. (MIRA 14:4)

(Physiological chemistry)

PORUGALOV, V. V., KRASNOV, I. B., and BALL, T. V. (USSR)

"Change in Structure of Tissue Proteins Treated with Certain Denaturating Agents."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

PORUGALOW, W.W. [Portugalov, V.V.] (Moscow); GERSTEIN, L.M. [Gershteyn, L.N.] (Moscow); TORCZYNSKI, J.M. [Torchinskiy, Yu. N] (Moscow)

The behavior of mitochondria in some physiological and pathological states of nervous cells. Folia Morphologica 12 no. 2/3:137-146 '61.

1. Instytut Badan Mozgu, Akademia Nauk Medycznych Z.S.R.R., Moskwa, B-120, Obucha 5.

PORUGALOV, V.V.; KRASNOV, I.B.; BALL', T.V.

Histochemical evaluation of denaturing changes in nerve cell proteins under the effect of ethanol. Biul. eksp. biol. i med. 55 no.4:108-110 Ap '63. (MIRA 17:10)

1. Iz laboratorii gistokhimii (zav. - prof. V.V. Portugalov) Instituta mozga (dir. - deystvitel'nyy chlen AMN SSSR S.A. Sarkisov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR I.N. Filimonovym.

PORUGALOV, V.V.; KRASNOV, I.B.; DOVEDOVA, Ye.L.

Activity of succinic dehydrogenase and the content of sulphhydryl groups in the superior cervical sympathetic node in cats in the state of rest and excitation. Biul. eksp. biol. i med. 60 no.11: 103-106 N '65. (MIRA 19:1)

1. Laboratoriya biogistokhimii (zav. - chlen-korrespondent AMN SSSR prof. V.V. Portugalov) Instituta mozga (direktor - deystvitel'nyy chlen AMN SSSR prof. S.A. Sarkisov) AMN SSSR, Moskva.
Submitted April 29, 1964.